



**General Administration**  
STATE OF WASHINGTON

## **Integrating Sustainability**

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**General Administration's  
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# Integrating Sustainability

Today's take away...

- ▶ What is sustainability.
- ▶ Why is it important.
- ▶ Who is responsible for it.
- ▶ How to integrate sustainability as a cultural value.

# What is Sustainability?

- ▶ The United Nations resolved in 1987:

*“Sustainability means meeting the needs of the present without compromising the ability of future generations to meet their own needs.”*

# What is Sustainability

- ▶ Framework for decision making.
- ▶ Breaks down organizational silos.
- ▶ Focuses efforts.

# The Triple Bottom Line



# Social Equity

Meeting human needs fairly & efficiently.

- ▶ What is it?
  - ▶ Health and life safety.
  - ▶ Employee benefits, training, respect.
  - ▶ Customer service.

# Social Equity

Meeting human needs fairly & efficiently.

- ▶ Why is it important?
  - ▶ Labor is the single greatest cost for an organization.
  - ▶ Deepens skill sets throughout the organization.
  - ▶ Happy people are more productive.
  - ▶ Improved customer relations.

# Social Equity

Meeting human needs fairly & efficiently.

- ▶ Who is affected?
  - ▶ Employees
  - ▶ Customers/Vendors
  - ▶ Students
  - ▶ Your Community



# Economic Efficiency

Using resources wisely.

- ▶ What is it?
  - ▶ Controlling operational costs
    - ▶ Utilities, Transportation, Labor & Material
  - ▶ Preventative maintenance
  - ▶ Data collection
    - ▶ You can't manage what you don't measure.

# Economic Efficiency

Using resources wisely.

- ▶ Why is it important?
  - ▶ Reduced operating costs.
  - ▶ ROI
  - ▶ Total cost of ownership
    - ▶ First cost vs. lifecycle

# Economic Efficiency

Using resources wisely.

- ▶ Who is responsible?
  - ▶ Everyone
  - ▶ Top Down and Bottom Up
  - ▶ Using only what you need to get the job done.

# Environmental Accountability



# Environmental Accountability

Being aware of your impact

- ▶ What is it?
  - ▶ Reduce - Reuse - Recycle.
  - ▶ Using energy, water and fuel efficiently.
  - ▶ Greenhouse Gas Emissions

# Environmental Accountability

Being aware of your impact

- ▶ Why is it important?
  - ▶ Meet mandates
  - ▶ Save \$\$\$
  - ▶ Ecological footprint

# Environmental Accountability

Being aware of your impact

- ▶ Who is responsible?

**We are!**

# Integrating Sustainability

A cultural change that breaks down barriers and fosters cooperation.

- ▶ First Steps

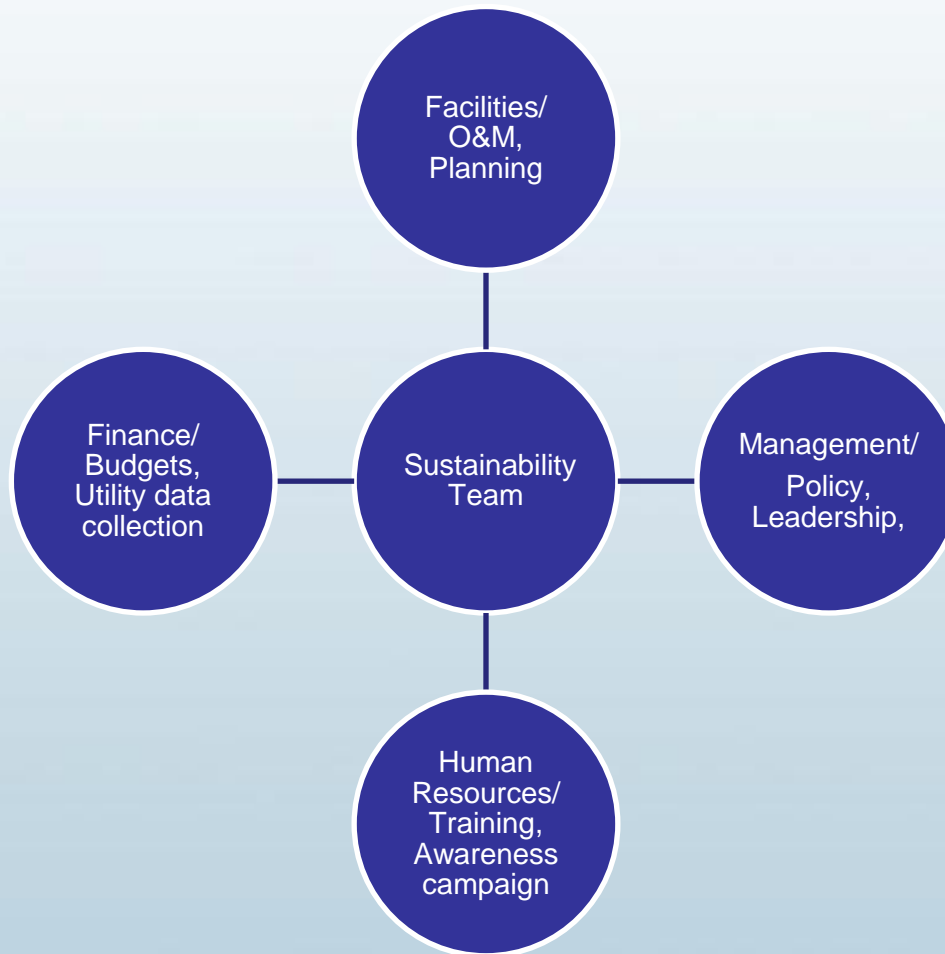
- ▶ Inventory objectives and resources.
  - ▶ Identify conflicts and duplications.
- ▶ Prioritize goals based on the triple bottom line.
  - ▶ Assign each a value.



# Integrating Sustainability...

- ▶ Involve everyone.
- ▶ Top Down and Bottom Up approach.
- ▶ Develop your team.
  - ▶ Management
  - ▶ Finance
  - ▶ Facilities
  - ▶ HR

# The Team



# Sustainability at Work

## Box Heater vs. Radiant Panel

- ▶ First cost
  - ▶ \$20 vs. \$75
- ▶ Operational cost
  - ▶ \$47 vs. \$4
- ▶ Simple payback
  - ▶ 1.2 years

# The Team

## Roles and Responsibilities

- ▶ Management
  - ▶ Sets policy on personal heaters.
- ▶ Finance
  - ▶ Negotiates a great deal on heaters.
- ▶ H.R.
  - ▶ Sends out memo on change and benefits.
- ▶ Facilities
  - ▶ Deploys heaters and monitors for issues.

# Outcomes

- ▶ Environment:
  - ▶ Reduced CO2 footprint.
- ▶ Economic:
  - ▶ Reduced utility cost.
- ▶ Social Equity:
  - ▶ Employee is warm and toasty = Happy!

# Sustainability and Planning

- ▶ Think outside the box
- ▶ Leverage resources
- ▶ Use Lifecycle Cost Analysis
- ▶ Prioritize projects
- ▶ Take advantage of Synergy

# Recap

- ▶ Sustainability is not an add on.
- ▶ Sustainability is a different way of doing business.
- ▶ Sustainability is top down and bottom up.

# Resources

- ▶ Natural Step
  - ▶ <http://www.naturalstep.org/>
- ▶ Dept. of Ecology
  - ▶ <http://www.ecy.wa.gov/sustainability/>
- ▶ Sustainable Facility
  - ▶ <http://www.sustainablefacility.com/>



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